

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Nathan D. Cahill

METHOD AND SYSTEM FOR
RECONSTRUCTING AN IMAGE
FROM PROJECTION DATA
ACQUIRED BY A
CONE BEAM COMPUTED
TOMOGRAPHY SYSTEM

Serial No.

Filed Herewith

Group Art Unit: 2882

Examiner: David Vernon Bruce

Express Mail Label No. EV293532319US

March 11, 2004
Date

Commissioner for Patents
P.O. Box 1450
Alexandria, VA. 22313-1450

Sir:

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT FOR
CONSIDERATION BY THE OFFICE UNDER 37 C.F.R. 1.97-1.99**

Enclosed herewith are patents and/or publications for consideration by the Patent and Trademark Office in regard to the invention claimed in the above-described application. In compliance with §1.56, such documents are listed in the enclosed Form PTO-1449.

Applicants request that the Patent and Trademark Office make of record the above-identified documents. A full text copy of each document is attached, except for copies of U.S. patents and U.S. patent application publications. For documents not in English, an English translation or an equivalent English language patent or publication may be attached. Where a translation is not available, a concise explanation of the relevance of each document not in English is included either here or in the specification.

This Information Disclosure Statement (hereinafter "Statement") is submitted according to the following selected paragraph:

- I. ☒ This Statement is being filed under §1.97(b) within three months of the filing date of the application (other than a CPA), or before the mailing of a first Office action on the merits or before the mailing of a first Office action after the filing of a request for continued examination.
- II. ☐ This Statement is being filed under §1.97(c), with fee, **prior** to the mailing date of any of a final action, a notice of allowance or an action that otherwise closes prosecution in the application. Please charge the fee required by §1.17(p) to Eastman Kodak Company Deposit Order Account Number 05-0225. A duplicate copy of this Certification is enclosed.

III. ☐ This Statement is being filed under §1.97(c), with a certification under, §1.97(e) **prior** to the mailing date of any of a final action, a notice of allowance or an action that otherwise closes prosecution in the application. The undersigned hereby states that (check one):

☐ each item of information contained in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement.

☐ no item of information in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this certification under §1.97(e) after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this Statement.

IV. ☐ This Statement is being filed under §1.97(d), with fee and certification under §1.97(e), on or after the mailing date of either a final action, a notice of allowance (but prior to payment of the issue fee) or an action that otherwise closes prosecution in the application. Please charge the fee required by §1.17(p) to Eastman Kodak Company Deposit Order Account No. 05-0225. A duplicate copy of this Certification is enclosed. The undersigned hereby states that (check one):

☐ each item of information in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement.

☐ no item of information in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this certification under §1.97(e) after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this Statement.

Respectfully submitted,

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Enclosures



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FORM PTO-1449 US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Atty. Docket No. 85031A/SLP Customer No. 01333		Serial No.	
If AFTER the later date of the first Office Action or 3 months from filing, use only with Rule 97(E) Certificate or Fee		Applicant: Nathan D. Cahill			
LIST OF ART CITED BY APPLICANT <i>(Use several sheets if necessary)</i>		Filing Date Herewith		Group 2882	

U.S. PATENT DOCUMENTS						
Examiner Initial*	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,324,243 B1	Nov. 27, 2001	Edic et al			
	5,270,926	Dec. 14, 1993	Tam			
	6,009,142	Dec. 28, 1999	Sauer et al			
	6,130,930	Oct. 10, 2000	Tam			
	6,233,303	May 15, 2001	Tam			
	6,292,525	Sep. 18, 2001	Tam			

FOREIGN PATENT DOCUMENTS						
Examiner Initial*	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
	"Practical Cone-beam Algorithm", by L.A. Feldkamp, L.C. David, and J.W. Kress, J. Opt. Soc. AM A/Vol. 1, No. 6, June 1994, pp. 612-619
	"Volumetric Description of Objects from Multiple Views", by Worhty N. Martin and J.K. Aggarwal, IEEE Transactions on Pattern Analysis and Machine Intelligence, Vol. PAMI-5, No. 2, March 1983, pp. 150-162
	The Visual Hull Concept for Silhouette-Based Imaged Understanding, by Aldo Laurentini, IEEE Transaction on Pattern Analysis and Machine Intelligence, Vol. 16, No. 2, February 1994, pp 150-162
	"Imaging Processing Techniques for Tumor Detection", robin N. Strickland, ed Marcel Deckker, Inc. NY 2002
	"Computer-Aided Diagnosis in Check Radiography" PhD Thesis, University Medical Center Utrecht, 2001, B. van Ginnekin

EXAMINER	DATE CONSIDERED
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.